

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : NIPPON PETROCHEM CO LTD

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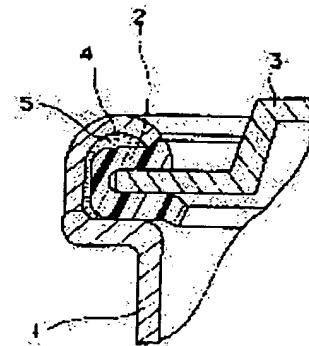
GOSHI YOSHIHIRO

4) BATTERY

7)Abstract:

PURPOSE: To provide a battery having good electrolyte leakage resistance by using a sealant comprising isobutylene family polymer containing wax.

ONSTITUTION: A gap 5 in a battery sealing part is sealed with a sealant 4 made of a polymer mainly comprising isobutylene having a mean molecular weight of 700~10,000 containing 1~30wt.% wax. As the wax, animal and plant wax and preferably hydrocarbon wax such as paraffin wax, microcrystalline wax, polyethylene wax, and atactic polypropylene (APP) wax is used. Isobutylene polymer having mean molecular weight less than 700 has low viscosity and its sealing ability is insufficient. Isobutylene polymer having mean molecular weight exceeding 10,000 has too high viscosity and it makes coating difficult.



GAL STATUS

Date of request for examination]

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